

## EAST Search History

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 15      | (coffey-richard.in.) or (costa-alvin.in.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2006/06/29 08:55 |
| L2    | 17995   | ((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/06/29 09:01 |
| L3    | 3168472 | chemical or feeder   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2006/06/29 09:01 |
| L4    | 383051  | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2006/06/29 09:01 |
| L5    | 13673   | L3 with L4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2006/06/29 09:01 |
| L6    | 404     | L5 and L2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2006/06/29 09:01 |
| L7    | 107858  | ledge or ledging   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/29 09:12 |
| L8    | 15      | 6 and 7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/29 09:04 |

## EAST Search History

|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| L10 | 1679283 | ledge or ledging or shelf or flange  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/29 09:12 |
| L11 | 145     | 10 and 6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/29 09:12 |
| L16 | 29      | ((vessel or chamber) and (inlet) and (outlet) and (cover) and (cap) and (gasket or o-ring)).clm.   | US-PGPUB  | OR | ON  | 2006/06/29 09:18 |
| L18 | 145     | ((vessel or chamber) and (inlet) and (outlet) and (cover) and (cap)).clm.  | US-PGPUB  | OR | ON  | 2006/06/29 09:18 |
| S1  | 10      | ((("5128034") or ("4316801") or ("5993753") or ("5660802") or ("4617117"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/21 12:45 |
| S2  | 7       | (coffey-richard.in.) or (costa-alvin.in.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/29 08:55 |
| S3  | 3208093 | (sterili\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 10:25 |
| S4  | 6       | ((("5352369") or ("5772896") or ("5779913"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/21 11:01 |
| S5  | 332448  | ((sterili\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 11:16 |

## EAST Search History

|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| S6  | 1536    | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) )) and ((swimming adj pool) or (swimming adj pools))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 11:16 |
| S7  | 120     | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) )) and ((swimming adj pool) or (swimming adj pools))) and ((422/1 422/28 422/32 422/37 422/256 422/261 422/265 422/292 422/300 422/311 422/905).CCLS.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 11:17 |
| S8  | 177     | ((210/749 210/753).CCLS.) and ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) ))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 12:24 |
| S9  | 12645   | ((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/05 11:27 |
| S10 | 4473296 | (holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 13:20 |
| S11 | 332452  | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 13:23 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S12 | 2776    | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor))) and (((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:28 |
| S13 | 3198984 | (swimming adj pool) or (swimming adj pools) or (water)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/21 13:24 |
| S14 | 61633   | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor))) same ((swimming adj pool) or (swimming adj pools) or (water))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/21 13:27 |
| S15 | 1281    | ((steril\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor))) same ((swimming adj pool) or (swimming adj pools) or (water))) and (((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/10/21 13:28 |
| S16 | 2813874 | chemical or feeder  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:29 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S17 | 804   | (chemical or feeder) and ((((((sterili\$ or (decontaminat\$ or (disinfect\$ or (saniti\$ or (sanitation) or (chlorinat\$ or (purif\$ or (dispens\$ or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor))) same ((swimming adj pool) or (swimming adj pools) or (water))) and (((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 13:30 |
| S18 | 3587  | ((220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/05 11:27 |
| S19 | 1     | (jack adj ring) and (((220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/21 16:37 |
| S20 | 109   | jack adj ring   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/22 10:52 |
| S22 | 17470 | ((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/05 11:27 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S23 | 2887    | ((sterili\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor))) and (((422/1) or (422/28) or (422/32) or (422/37) or (422/256) or (422/261) or (422/265) or (422/292) or (422/300) or (422/311) or (422/905) or (210/198.1) or (210/232) or (206/423) or (220/315) or (220/319) or (220/325) or (220/327) or (220/255) or (215/273) or (215/274) or (215/276) or (215/283)).CCLS.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:30 |
| S24 | 2911190 | chemical or feeder  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:29 |
| S25 | 346922  | ((sterili\$) or (decontaminat\$) or (disinfect\$) or (saniti\$) or (sanitation) or (chlorinat\$) or (purif\$) or (dispens\$) or (treat\$)) with ((holder) or (container) or (vessel) or (chamber) or (housing) or (receptacle) or (canistor)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:30 |
| S28 | 12217   | S24 with S25  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:31 |
| S29 | 366     | S28 and S22   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 09:01 |
| S30 | 1270    | chlorinator   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:31 |
| S31 | 28      | S30 and S29   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 11:31 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S32 | 54    | ((("2218800") or ("2294261") or ("2533192") or ("2568181") or ("2576144") or ("2584551") or ("2586508") or ("2747738") or ("2874846") or ("3317053") or ("3508657") or ("3746171") or ("4108775") or ("4172798") or ("4303515") or ("4316801"))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/04/05 15:57 |
| S33 | 54    | ((("2218800") or ("2294261") or ("2533192") or ("2568181") or ("2576144") or ("2584551") or ("2586508") or ("2747738") or ("2874846") or ("3317053") or ("3508657") or ("3746171") or ("4108775") or ("4172798") or ("4303515") or ("4316801"))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/04/08 16:16 |
| S34 | 2     | ("5128034").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/21 12:41 |
| S35 | 176   | jack adj ring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/22 10:03 |
| S36 | 81979 | ("49"/\$).ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/21 16:44 |
| S38 | 176   | jack adj ring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/22 10:03 |